

**EAST Search History****EAST Search History (Prior Art)**

| Ref # | Hits  | Search Query  | DBs   | Default Operator | Plurals | Time Stamp          |
|-------|-------|---|---|------------------|---------|---------------------|
| S1    | 1     | 10/586864   | US-PGPUB;<br>USPAT;<br>USOOR; FPRS;<br>EPO; JPO;<br>DERWENT | AND              | ON      | 2007/10/04<br>16:09 |
| S2    | 371   | (187/250).CCLS.   | US-PGPUB;<br>USPAT;<br>USOOR; FPRS;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2007/10/04<br>16:09 |
| S3    | 384   | (187/251).CCLS.   | US-PGPUB;<br>USPAT;<br>USOOR; FPRS;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2007/10/04<br>16:09 |
| S4    | 75    | (187/252).CCLS.   | US-PGPUB;<br>USPAT;<br>USOOR; FPRS;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2007/10/04<br>16:10 |
| S5    | 347   | (187/254).CCLS.   | US-PGPUB;<br>USPAT;<br>USOOR; FPRS;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2007/10/04<br>16:10 |
| S6    | 170   | (187/256).CCLS.   | US-PGPUB;<br>USPAT;<br>USOOR; FPRS;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2007/10/04<br>16:16 |
| S7    | 7     | ("0078829"  <br>"0170087"  <br>"1911834"  <br>"6062344").PN. OR<br>(("6491136").URPN. | US-PGPUB;<br>USPAT; USOOR                                   | AND              | ON      | 2007/10/04<br>16:19 |
| S8    | 23249 | "187"/\$.ccls.  | US-PGPUB;<br>USPAT; USOOR                                   | AND              | ON      | 2007/10/04<br>16:19 |
| S9    | 52    | S8 and "Kobayashi".in.  | US-PGPUB;<br>USPAT; USOOR                                   | AND              | ON      | 2007/10/04<br>16:19 |

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| S10 | 405 | (187/266).OCLS.   | US-PGPUB;<br>USPAT;<br>USCOR; FPRS;<br>EPO; JPO;<br>DERWENT | OR  | OFF | 2007/10/05<br>10:23 |
| S11 | 1   | DE-69810558 \$.did.   | US-PGPUB;<br>USPAT;<br>USCOR; FPRS;<br>EPO; JPO;<br>DERWENT | AND | ON  | 2008/03/18<br>11:35 |
| S12 | 2   | EP-1564176-\$ did.  | US-PGPUB;<br>USPAT;<br>USCOR; FPRS;<br>EPO; JPO;<br>DERWENT | AND | ON  | 2008/03/18<br>11:36 |
| S13 | 0   | EP-0953538-\$ did.  | US-PGPUB;<br>USPAT;<br>USCOR; FPRS;<br>EPO; JPO;<br>DERWENT | AND | ON  | 2008/03/18<br>11:36 |
| S14 | 2   | EP-953538-\$ did.   | US-PGPUB;<br>USPAT;<br>USCOR; FPRS;<br>EPO; JPO;<br>DERWENT | AND | ON  | 2008/03/18<br>11:37 |
| S15 | 1   | WO-03104126-\$ did.   | US-PGPUB;<br>USPAT;<br>USCOR; FPRS;<br>EPO; JPO;<br>DERWENT | AND | ON  | 2008/03/18<br>11:37 |
| S16 | 407 | (187/250).OCLS.   | US-PGPUB;<br>USPAT;<br>USCOR; FPRS;<br>EPO; JPO;<br>DERWENT | OR  | OFF | 2009/08/03<br>13:44 |
| S17 | 80  | (187/252).OCLS.   | US-PGPUB;<br>USPAT;<br>USCOR; FPRS;<br>EPO; JPO;<br>DERWENT | OR  | OFF | 2009/08/03<br>13:54 |
| S18 | 390 | (187/254).OCLS.   | US-PGPUB;<br>USPAT;<br>USCOR; FPRS;<br>EPO; JPO;<br>DERWENT | OR  | OFF | 2009/08/03<br>13:55 |
| S19 | 11  | ((("6068087") or<br>("3980174") or<br>("5429211") or<br>("4904232") or<br>("6893719"))).PN. | US-PGPUB;<br>USPAT;<br>USCOR; FPRS;<br>EPO; JPO;<br>DERWENT | OR  | OFF | 2009/08/03<br>14:17 |

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| S20 | 1   | WO-0037738-\$ did.  | US-PGPUB;<br>USPAT;<br>USCOR; FPRS;<br>EPO; JPO;<br>DERWENT | AND | ON  | 2009/08/03<br>14:18 |
| S21 | 215 | (187/264).CCLS.   | US-PGPUB;<br>USPAT;<br>USCOR; FPRS;<br>EPO; JPO;<br>DERWENT | OR  | OFF | 2009/08/03<br>14:22 |
| S22 | 433 | (187/266).CCLS.   | US-PGPUB;<br>USPAT;<br>USCOR; FPRS;<br>EPO; JPO;<br>DERWENT | OR  | OFF | 2009/08/03<br>14:30 |
| S23 | 180 | (187/256).CCLS.   | US-PGPUB;<br>USPAT;<br>USCOR; FPRS;<br>EPO; JPO;<br>DERWENT | OR  | OFF | 2009/08/03<br>14:46 |
| S24 | 14  | (("6068087") or<br>("6138799") or<br>("4904232") or<br>("6893719") or<br>("6595883") or<br>("5076398") or<br>("5361873")).PN. | US-PGPUB;<br>USPAT;<br>USCOR; FPRS;<br>EPO; JPO;<br>DERWENT | OR  | OFF | 2009/08/03<br>14:57 |
| S25 | 9   | (("6068087") or<br>("4981462") or<br>("3980174") or<br>("6419605")).PN.   | US-PGPUB;<br>USPAT;<br>USCOR; FPRS;<br>EPO; JPO;<br>DERWENT | OR  | OFF | 2009/08/03<br>15:00 |
| S26 | 312 | ach.in.   | US-PGPUB;<br>USPAT;<br>USCOR; FPRS;<br>EPO; JPO;<br>DERWENT | AND | ON  | 2009/08/03<br>15:01 |
| S27 | 45  | ach.in. and "187"/\$.<br>ccls.  | US-PGPUB;<br>USPAT;<br>USCOR; FPRS;<br>EPO; JPO;<br>DERWENT | AND | ON  | 2009/08/03<br>15:01 |
| S28 | 6   | ("2728239"  <br>"5191920").PN.  | US-PGPUB;<br>USPAT;<br>USCOR; FPRS;<br>EPO; JPO;<br>DERWENT | AND | ON  | 2009/08/03<br>15:19 |

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| S29 | 2  | ("6809060").PN.   | US-PGPUB;<br>USPAT;<br>USCOR; FPRS;<br>EPO; JPO;<br>DERWENT | AND | ON | 2009/08/03<br>15:19 |
| S30 | 16 | ("2728239"  <br>"20030121729"  <br>"3174585"  <br>"3643518"  <br>"5429211"  <br>"6345695").PN.  | US-PGPUB;<br>USPAT;<br>USCOR; FPRS;<br>EPO; JPO;<br>DERWENT | AND | ON | 2009/08/03<br>15:19 |
| S31 | 8  | ("5076398"  <br>"5361873"  <br>"6595883"  <br>"6893719").PN.  | US-PGPUB;<br>USPAT;<br>USCOR; FPRS;<br>EPO; JPO;<br>DERWENT | AND | ON | 2009/08/03<br>15:20 |
| S32 | 6  | ("4904232"  <br>"6068087"  <br>"6138799").PN.   | US-PGPUB;<br>USPAT;<br>USCOR; FPRS;<br>EPO; JPO;<br>DERWENT | AND | ON | 2009/08/03<br>15:20 |
| S33 | 2  | ("6035974").PN.   | US-PGPUB;<br>USPAT;<br>USCOR; FPRS;<br>EPO; JPO;<br>DERWENT | AND | ON | 2009/08/03<br>15:20 |
| S34 | 3  | ("3980174").PN.   | US-PGPUB;<br>USPAT;<br>USCOR; FPRS;<br>EPO; JPO;<br>DERWENT | AND | ON | 2009/08/03<br>15:20 |
| S35 | 25 | ("1125133"  <br>"3211259"  <br>"3601938"  <br>"3948358"  <br>"4431087"  <br>"4577729"  <br>"4664230"  <br>"4977983"  <br>"5316108"  <br>"5469938"  <br>"5520264"  <br>"5845745"  <br>"5899300"  <br>"5899301"  <br>"5944144"  <br>"6006865"  <br>"6012554"  <br>"6035974").PN. OR<br>("6481538"  <br>"6991069").URPN. | US-PGPUB;<br>USPAT; USCOR                                   | AND | ON | 2009/08/03<br>15:24 |

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| S36 | 12 | ("3101130").PN. OR ("6006865").URPN. | US-PGPUB;<br>USPAT; USOOR | AND | ON | 2009/08/03<br>15:27 |
| S37 | 12 | ("3101130").PN. OR ("6006865").URPN. | US-PGPUB;<br>USPAT; USOOR | AND | ON | 2009/08/03<br>15:29 |
| S38 | 0  | WO-0222486-\$ did.                   | US-PGPUB;<br>USPAT; USOOR | AND | ON | 2009/08/03<br>16:43 |
| S39 | 0  | WO-02022486-\$ did.                  | US-PGPUB;<br>USPAT; USOOR | AND | ON | 2009/08/03<br>16:43 |
| S40 | 0  | WO-2002022486-\$.<br>did.            | US-PGPUB;<br>USPAT; USOOR | AND | ON | 2009/08/03<br>16:43 |
| S41 | 0  | WO-02022486-\$ did.                  | US-PGPUB;<br>USPAT; USOOR | AND | ON | 2009/08/03<br>16:44 |

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